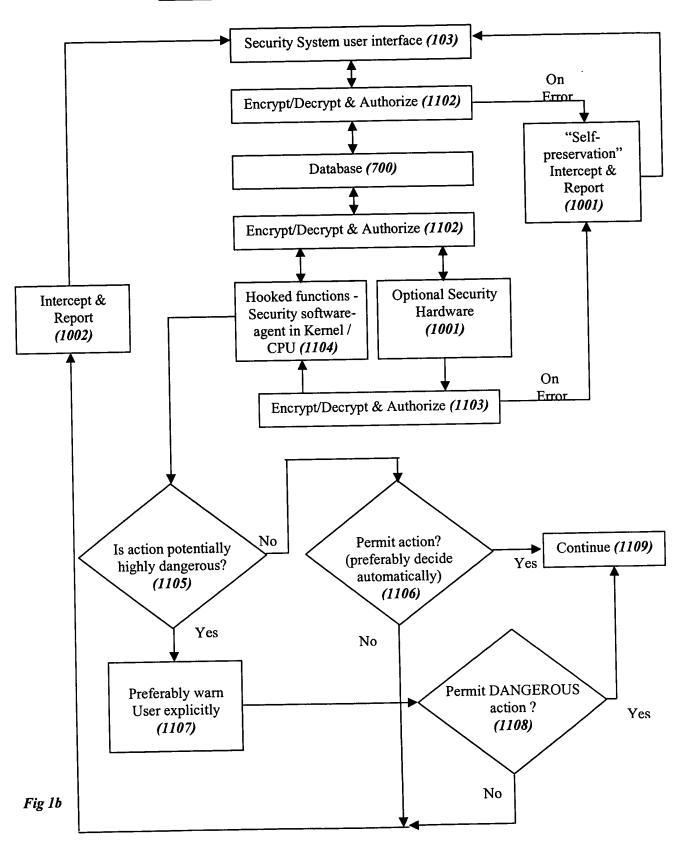


Interaction between Security System parts overview (1100)



Hooked File System functions (200)

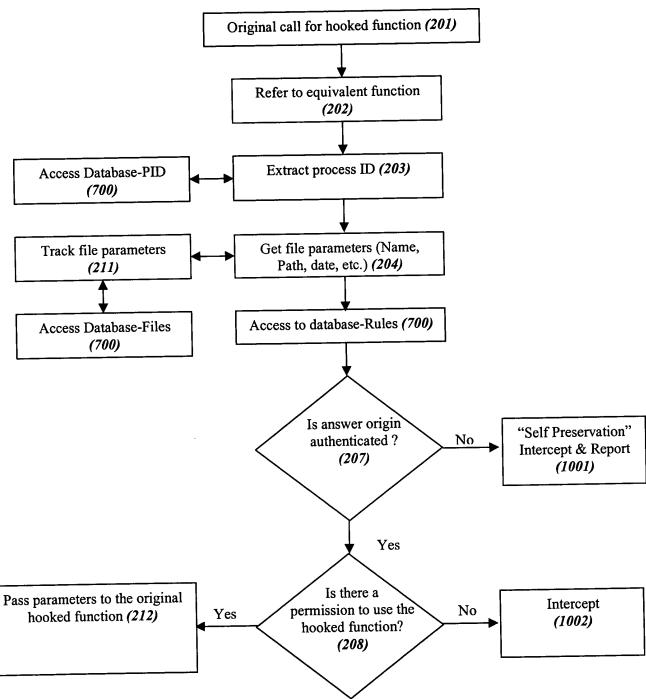


Fig 2

Hooked network functions (300) Original call for hooked function (301) Refer to equivalent function (302)Extract process ID (303) Access Database-PID (700) Get Network parameters (handle id, address, protocol, Track network parameters (311) etc.) (304) Access to database-Rules (700) Access Database-Network (700) Is answer origin "Self Preservation" No authenticated? Intercept & Report (307) (1001) Yes Is there a Pass parameters to the Intercept permission to use the No original hooked function Yes (1002) hooked function? (312)(308)

Fig 3

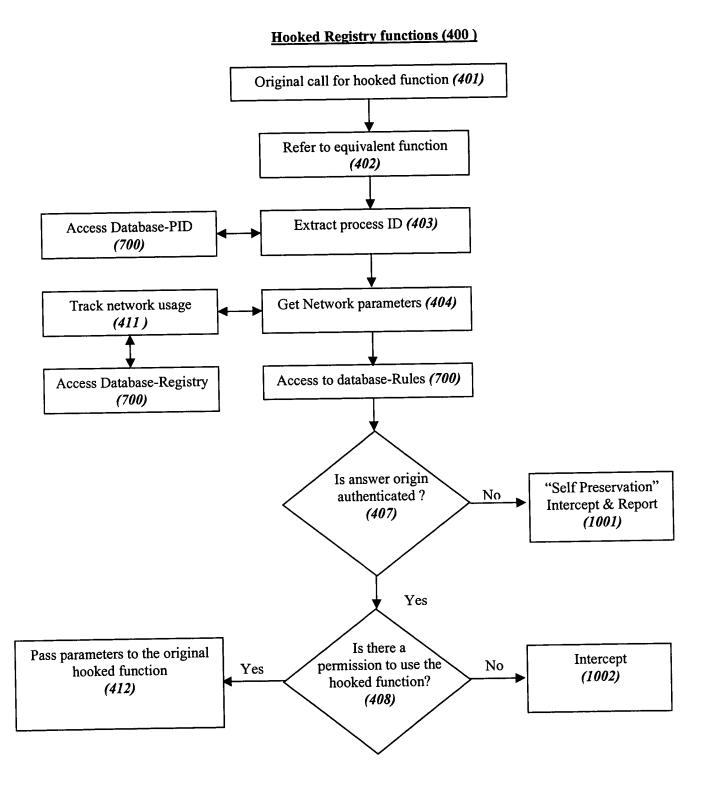
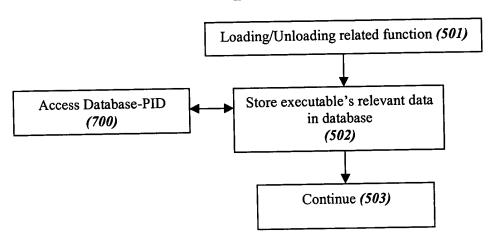
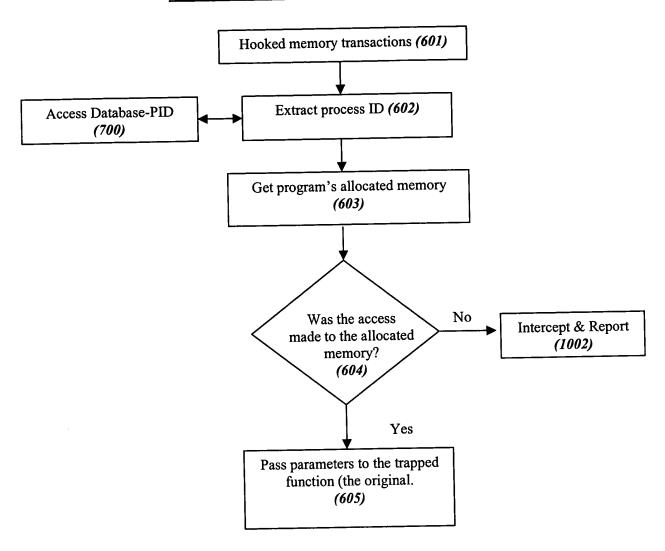


Fig 4

Load-image (executable) notify (500)



Supervise memory activity (to the extent possible) (600)



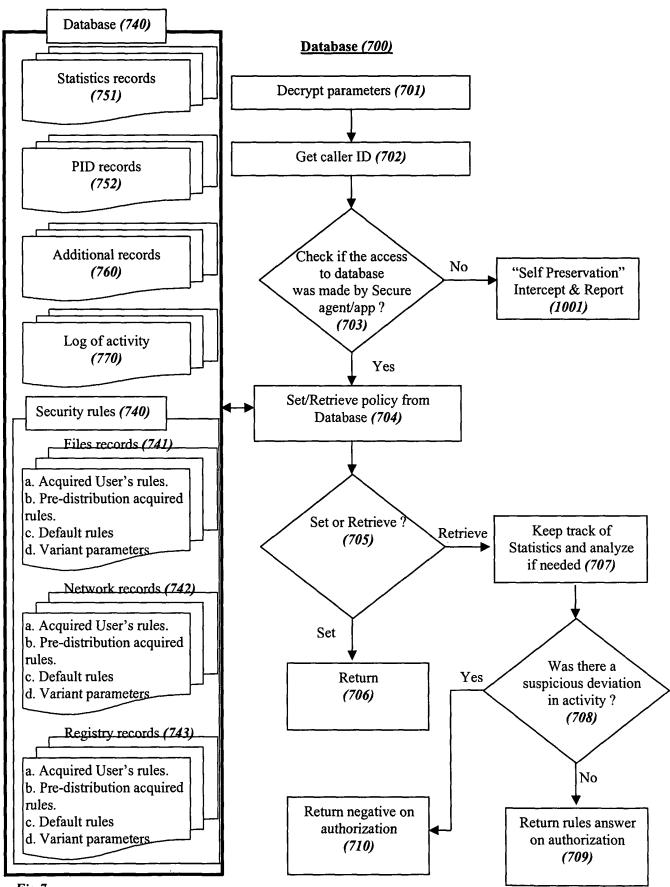
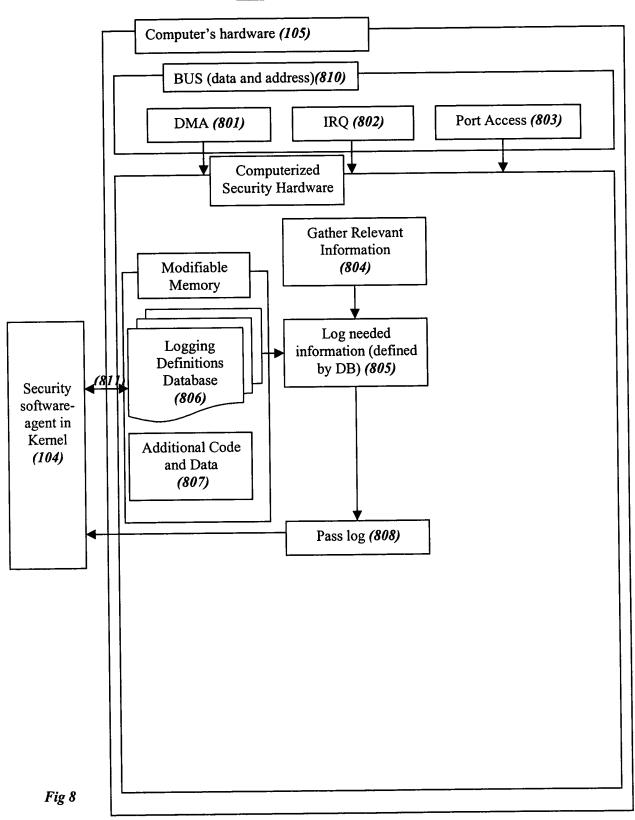
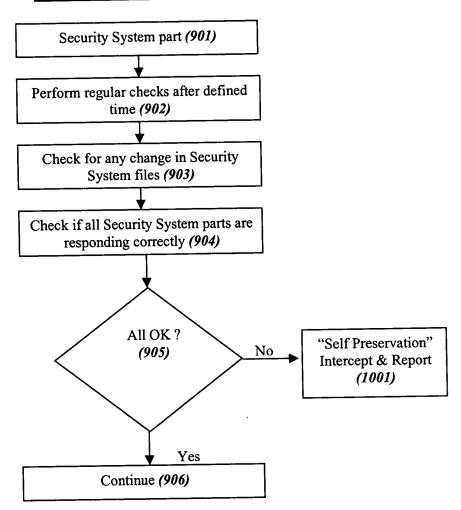


Fig 7

Optional additional monitoring hardware. (800)



Self-preservation overview (900)



Intercept & Report (1000)

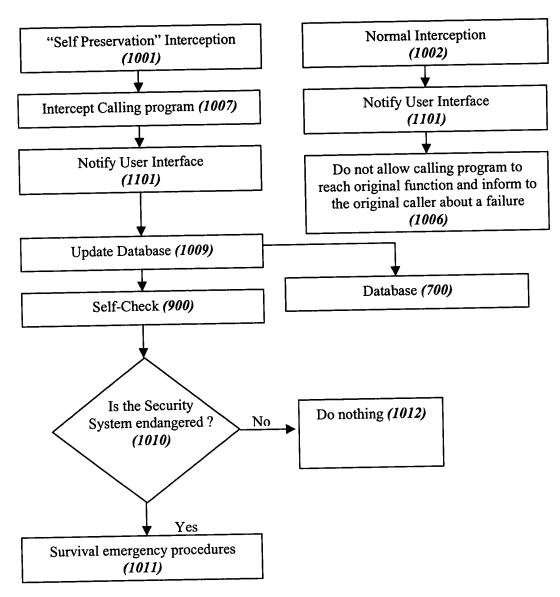


Fig. 11

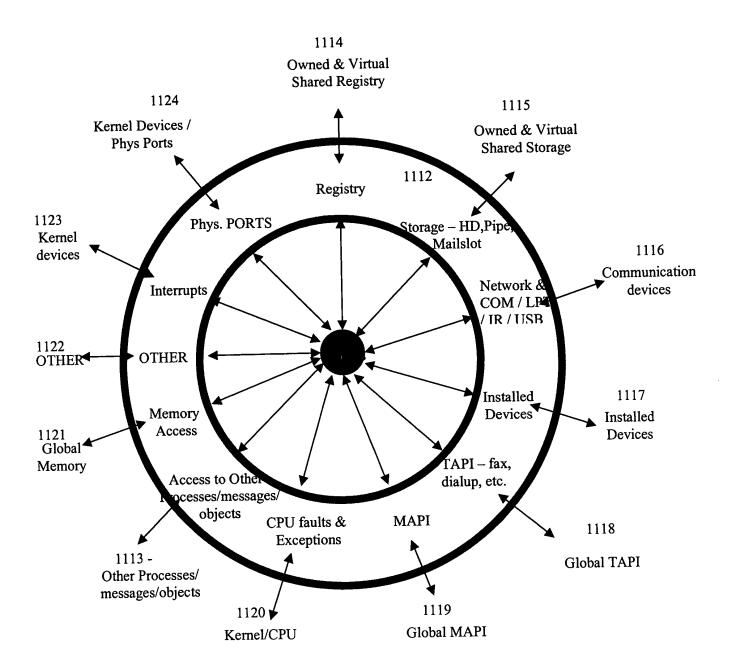


Fig. 12

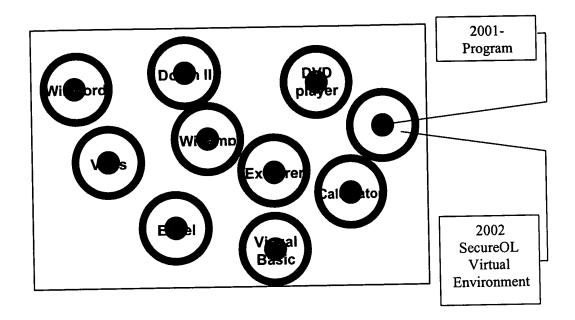


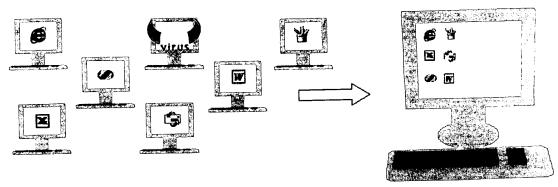
Fig. 13

3001
3002

Internet (3020)
3004

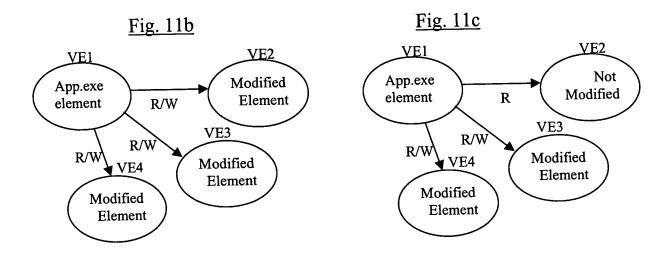
3005

Fig. 11a



Physical Virtual environment as seen by the segregated programs (each program by default sees itself alone on the computer, with the resources that it is allowed to see)

Actual appearance as seen by user



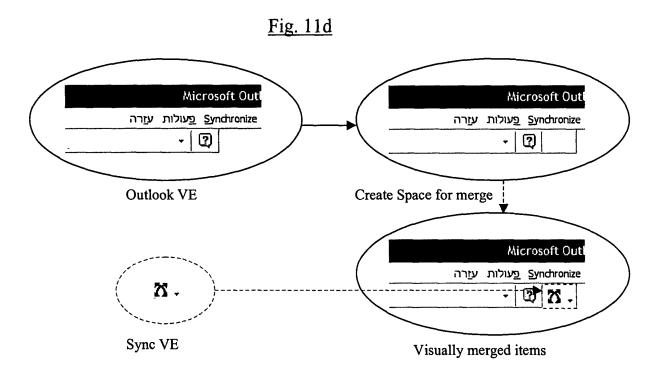


Fig. 11e

